

Class 07 Statics: Mean, Median, Mode, Pictograph, Bar Graph and Frequency Table SDV Book

Test paper- 01

1. Find the mean of first ten whole numbers.
2. The mean of the following data is 6. Find the value of P.

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|---|---|---|---|----|---|
| x | 2 | 4 | 6 | 10 | p |
| f | 4 | 4 | 7 | 3 | 2 |

3. The collection of numbers gathered to give some information is called ----- (Data)
4. The mean of 6 numbers is 32. If one of the number is excluded, the mean becomes 30. Find the value of the excluded number?
5. The mean of 5 numbers is 25. If one number is also included, the mean gets reduced by 1. Then what is the value of included number?
6. Find the mean of (a) First 7 whole numbers. (b) First 4 prime numbers. (c) First 6 odd numbers.
7. The mean of 6, 4, 7, P and 10 is 8, find the value of P.
8. The mean height of 11 friends is 155.2 cm. If one friend whose height is 158 cm leaves, find the new mean height.
9. The mean of 20 observations is 54. If one observation 42 is misread as 24, find the new mean.
10. The mean marks of 10 students in a subject is 62. If marks of 9 students are 59, 45, 75, 60, 81, 56, 43, 35 and 85, find the marks of the tenth student.
11. The mean of marks obtained by 15 students is 63. If marks of two students were read wrongly 73 instead of 78 and 59 instead of 56, find the correct mean.
12. The mean weight of 5 apples is 1.2 kg. Later on, it was found that the weighing machine had shown the weight of each apple 60 g less. Find the correct mean weight of apples.
13. The mean weight of 7 mangoes is 2.3 kg. Later on, it was found that weighing machine had shown the weight of each mango 100 g more. Find the correct mean weight of mangoes.
14. Find the median of the given data: 11, 76, 72, 15, 20, 77, 19
15. The heights (in cm) of 8 students of class VII are as follows: 745, 150, 752, 149, 160, 155, 151, 158. Find the median height.